

**XP-002329830**

**(C) WPI / DERWENT**

**AN - 1988-226764 [32]**

**AP - SU19864055662 19860117**

**CPY - URAF**

**DC - M14 S03**

**FS - CPI;EPI**

**IC - G01N15/08**

**IN - AKSENOVA E V; DANILOVA N V; DOROSHKEVI E I**

**MC - M13-L**

**- S03-E14C**

**PA - (URAF ) URALS FERROUS METALS RES**

**PN - SU1368719 A 19880123 DW198832 002pp**

**PR - SU19864055662 19860117**

**XA - C1988-101528**

**XIC - G01N-015/08**

**XP - N1988-172673**

**AB - SU1368719** The aluminised steel sample or article is immersed in a soln. of 10% sodium hydroxide and the outer layer of the coating is removed, while the diffusion layer of intermediate remains.

- The presence of the intermetallic layer is determined visually according to its colour, which has a matt dark grey tint. The base is a light colour with a metallic sheen.

- The presence of sections with a light colour and a metallic sheen indicates that there are defects in the coating. **USE/ADVANTAGE -** Quality control of coatings obt'd. by immersing steel articles in aluminium alloy melts.

- Monitoring accuracy is improved.

- Bul.3/23.1.88 (2pp Dwg.No.0/0)

**IV - QUALITY CONTROL ALUMINIUM COATING STEEL REMOVE SURFACE LAYER COATING**  
**ALKALINE SOLUTION DETERMINE DEFECT ACCORD COLOUR BASE COATING**

**IKW - QUALITY CONTROL ALUMINIUM COATING STEEL REMOVE SURFACE LAYER COATING**  
**ALKALINE SOLUTION DETERMINE DEFECT ACCORD COLOUR BASE COATING**

**INW - AKSENOVA E V; DANILOVA N V; DOROSHKEVI E I**

**NC - 001**

**OPD - 1986-01-17**

**ORD - 1988-01-23**

**PAW - (URAF ) URALS FERROUS METALS RES**

**TI - Quality control of aluminium coatings on steel - involves removing surface layer from coating in alkaline soln. and determin. of defects according to different colours of base and coating**